

- PI 550538 **origin:** United States. **origin institute:** North Dakota Agr. Exp. Sta., North Dakota State University, Fargo, North Dakota 58105. **cultivar:** NDSAB. **pedigree:** Synthetic developed by 1 cycle of full-sib family selection among 100 full-sib families between NDSA and NDSB. Mass selection of 20 families for 3 cycles. **other id:** GP-125. **source:** Crop Sci. 23(6):1227 1983. **group:** CSR-MAIZE. **remarks:** Yellow dent endosperm. Plants tall. Ear placement slightly above midplant. Similar in maturity, shelling percentage, and test weight to NDSC. Higher yielding than NDSC, but more susceptible to root lodging. Maturity is AES300. Annual. Breeding Material. Seed.
- PI 550539 **origin:** United States. **origin institute:** North Dakota Agr. Exp. Sta., North Dakota State University, Fargo, North Dakota 58105. **cultivar:** NDSF. **pedigree:** Intercrossed about 65 inbreds and resulting population intermated for 2 generations. **other id:** GP-126. **source:** Crop Sci. 23(6):1227 1983. **group:** CSR-MAIZE. **remarks:** Plants moderately short. Ear placement slightly below midplant. Higher shelling percentage and test weight than NDSAB. Similar in yield and lodging resistance to NDSC. Maturity is AES100-200. Annual. Breeding Material. Seed.
- PI 550540 **origin:** United States. **origin institute:** North Dakota Agr. Exp. Sta., North Dakota State University, Fargo, North Dakota 58105. **cultivar:** ND252. **pedigree:** W775/W771. **other id:** PL-64. **source:** Crop Sci. 23(6):1228 1983. **group:** CSR-MAIZE. **remarks:** Plants medium short. Ear placement slightly above midplant. Leaves short, wide. Tassels medium. Ears long, slender with 10-14 rows. Maturity is AES200. Moderate resistance to head smut (*Sphacelotheca reiliana*), intermediate resistance to common smut (*Ustilago maydis*) and resistant to common rust (*Puccinia sorghi*). Annual. Breeding Material. Seed.
- PI 550541 **origin:** United States. **origin institute:** North Dakota Agr. Exp. Sta., North Dakota State University, Fargo, North Dakota 58105. **cultivar:** ND253. **pedigree:** W59/W116. **other id:** PL-65. **source:** Crop Sci. 23(6):1228 1983. **group:** CSR-MAIZE. **remarks:** Plants medium tall. Ear placement slightly above midplant. Tassels large. Leaves long, narrow. Ears with 14-18 rows of yellow dent kernels. High general combining ability for yield and root and stalk lodging. Resistant to wheat streak mosaic virus and first brood European corn borer (*Ostrinia nubilalis*). Intermediate resistance to Diplodia stalk rot, maize dwarf mosaic virus, corn lethal necrosis, and southern. Annual. Breeding Material. Seed.